PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY DATA							
		Name			Execution Date	ן ר	
CTNETWORKS CO.,	LTD.				9/14/2012		
RECEIVING PARTY DATA							
Name:	LS CABLE & SYSTEM LTD.						
Street Address:	#1026-6, Hogye-	ong, Dongan-gu, A	nyang-si				
City:	Gyeonggi-do						
State/Country:	KOREA, REPUB	IC OF					
Postal Code:	431-080						
PROPERTY NUMBERS Total: 1							
Property Type		Number					
Property Ty	/pe		Number				
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Application Number:	134	32419	Number			13432419	
CORRESPONDENCE	DATA 7039358473						
Application Number: CORRESPONDENCE Fax Number:	DATA 7039358473	when the fax attem					
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email:	DATA 7039358473 <i>De sent via US Mai</i> 571-313-75 mail@sherr	<i>when the fax attem</i> 6 aw.com				\$40.00	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name:	DATA 7039358473 <i>De sent via US Ma</i> 571-313-75 mail@sherr SHERR & J	<i>when the fax attern</i> 6 aw.com ANG, PLLC					
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1:	DATA 7039358473 <i>De sent via US Mai</i> 571-313-75 mail@sherr SHERR & J 620 Herndo	<i>when the fax attern</i> 6 aw.com ANG, PLLC				\$40.00	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA 7039358473 <i>De sent via US Mai</i> 571-313-75 mail@sherr SHERR & J 620 Herndo Suite 320	<i>when the fax attern</i> 6 aw.com ANG, PLLC Parkway				\$40.00	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1:	DATA 7039358473 <i>De sent via US Mai</i> 571-313-75 mail@sherr SHERR & J 620 Herndo Suite 320	<i>when the fax attern</i> 6 aw.com ANG, PLLC				\$40.00	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA 7039358473 <i>pe sent via US Mai</i> 571-313-75 mail@sherr SHERR & J 620 Herndo Suite 320 Herndon, V	<i>when the fax attern</i> 6 aw.com ANG, PLLC Parkway				\$40.00	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will b</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA 7039358473 <i>pe sent via US Ma</i> 571-313-75 mail@sherr SHERR & J 620 Herndo Suite 320 Herndon, V	<i>when the fax attem</i> 6 aw.com ANG, PLLC Parkway RGINIA 20170				\$40.00	

Attorney Docket No.:573-0004Patent Application No.:13/432,419Filing Date:March 28, 2012

ASSIGNMENT

WHEREAS, <u>CTNETWORKS CO., LTD.</u>, having a place of business at 657-2, 12, SINHWAGIL, YEONMU-EUP, 780, NONSAN-SI, CHUNGCHEONGNAM-DO 320-837, Republic of Korea (hereafter, together with any successors, legal representatives or assigns thereof, called "Assignor") is the owner and assignee of <u>50%</u> of the entire right, title, and interest of the U.S. Patent Application No. 13/432,419 filed on March 28, 2012;

AND WHEREAS, <u>LS CABLE & SYSTEM LTD</u>, having a place of business at #1026-6, HOGYE-DONG, DONGAN-GU, ANYANG-SI, GYEONGGI-DO 431-080, Republic of Korea (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest of the Assignor in and to the U.S. Patent Application No. <u>13/432,419</u> filed on <u>March 28, 2012</u>, and all the inventions therein, and Assignor is willing to enter into such assignment.

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration in hand paid the receipt of which from ASSIGNEE is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest of Assignor in and to the U.S. Patent No. U.S. Patent Application No. <u>13/432,419</u> filed on <u>March 28, 2012</u>, and all continuations, divisions, reexaminations, reissues and substitutes thereof, all inventions therein, including without limitation all rights to claim priority on the basis thereof, and any and all applications for patents which are or may hereafter be filed for this invention in any foreign country and all patents which may be granted on these inventions in any foreign country, and all extensions, renewals, and reissues thereof; and including without limitation, all rights to sue for past, present and future infringement, including the right to collect and receive any damages, royalties, or settlements for such infringements, all rights to sue for injunctive or other equitable relief, and any and all causes of action relating to any of the inventions or discoveries thereof;

Assignor hereby covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict with this Assignment;

Assignor hereby further covenants and agrees that it will communicate to ASSIGNEE any and all facts known to it respecting said patents, and testify in any legal proceeding, sign all lawful papers, execute and deliver all papers and take any actions that may be necessary or desirable to perfect the title to any aforementioned patents and inventions, execute all divisional, continuation, reexamination, reissue and substitute applications, and make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said inventions in all countries.

IN TESTIMONY WHEREOF, I hereunto set my ha	and this <u>14</u> day of <u>Sep</u> , 20 <u>12</u> .		
	CTNETWORKS CO., LTD.		
Assignor	$\sim n/l$		
By			
Name	Gi-Nin. Sto		
Title	Technical Director		

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PATENT REEL: 029038 FRAME: 0057

RECORDED: 09/27/2012